September 18, 2006.

Attorney for Applicant(s)

Modified PTO/SB/21 (09-04)
OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

| TRANSMITTAL FORM (to be used for all correspondence after initial filing) | | | Complete it known | | | | |
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| | | | Filing Date | | February 12, 2004 | ABNITH HA | |
| | | | First Named Inventor | First Named Inventor James M. Freitag | | SFR 18 | |
| | | | Examiner Name: Mark S. Blouin | | 051 10 | | |
| | | | Group Art Unit 2627 | | | | |
| Total Number Of Pages In This Submission | | 9 Attorney Docket No.: | | | HSJ9-2003-0258US1 | | |
| ENCLOSURES (check all that apply) | | | | | | | |
| Fee Transmittal Form Drawing(s) | | Drawing(s) | After Allowance Communication to | | Ication to TC | | |
| Fee Attached | d (PTO-2038) | Licensing-related | Papers | | Appeal Communication to Board of Appeals and Interferences | | |
| Amendment / Reply (8 pages) | | Petition | | | Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) | | |
| After Final | | Petition to Convert to a Provisional Application | | Pro | Proprietary Information | | |
| Affidevits/de | | | y, Revocation of ; And Statement 73(b) | Sta | Status Letter | | |
| Extension of Time Request | | Terminal Disclaimer | | | Other Enclosure(s) (please identify below): | | |
| Express Abandonment Request . | | Request for Refund CD, Number of CD(s) | | | | | |
| Information Disclosure Statement | | Landsca | pe Table on CD | | | | |
| Certified Copy of Priority Document(s) | | emarks | | • | | | |
| Response to Missing Parts/ Incomplete Application | | | | | | | |
| Response to Missing Parts under 37 CFR 1.52 or 1.53 | | | | | | | |
| SIGNATURE OF APPLICANT, ATTORNEY OR AGENT | | | | | | | |
| Firm Michael J. Halbert (Reg. No. 40,633) | | | | | | | |
| or Silicon Valley Patent Group LLP | | | • | | • | i | |
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| | Santa Clara, California 95054 | | | | | | |
| Signature Min 9 Hulls | | | | | | | |
| September 18, 2006 | | | | | | | |
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Date of Signature Burden Hours Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Arlington, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Arlington, VA 22313-1450.

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Inventors:

James M. Freitag; Mustafa M. Pinarbasi

GENTRAL PAX CENTER

Assignee:

Hitachi Global Technologies Netherlands, B.V.

SEP 1 8 2006

Title:

Capping Layers with High Compressive Stress for Spin Valve Sensors

Serial No.:

10/779,356

Filing Date:

February 12, 2004

Examiner:

Mark S. Blouin

Group Art Unit:

2627

Docket No.:

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Confirmation No.:

7887

Santa Clara, California September 18, 2006

Mail Stop Amendment Commissioner For Patents P.O. Box 1450 Alexandria, VA 22313-1450

RESPONSE TO OFFICE ACTION

Dear Sir:

This Response to Office Action is responsive to the June 23, 2006, Office Action, which has a statutorily shortened period for response that ends September 23, 2006. A complete claim set is provided for the Examiner's convenience.

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Serial No. 10/779,356